Appl. No.: Unassigned

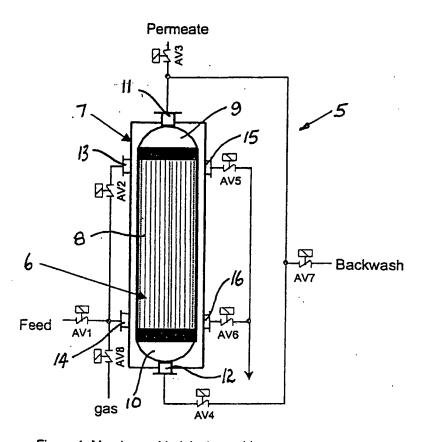
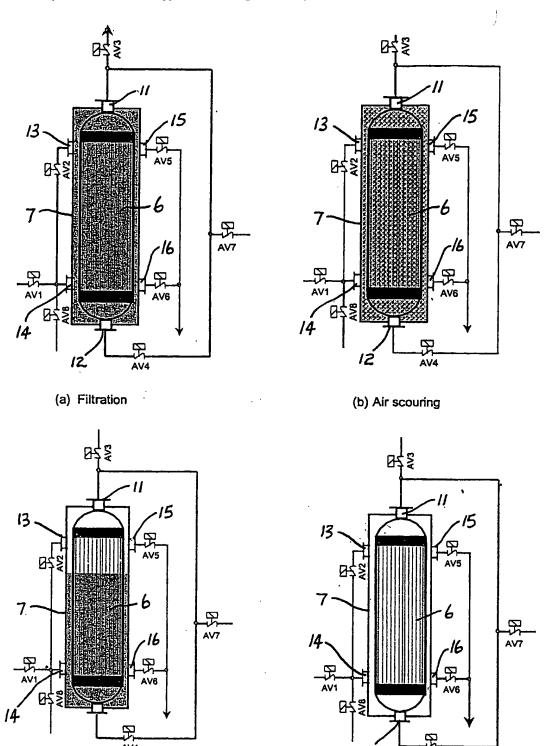


Figure 1 Membrane Module Assembly

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(d) Blow-out and fast drain-down

Figure 2 Membrane Cleaning Sequence

(c) Pressurization via backwash

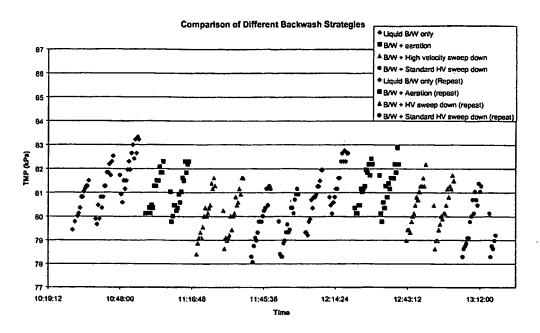


Figure 3 Cleaning Efficiency of Different Strategies

62 Changed to 8 hourly high velocity 60 weep down - liquid BW to No high velocity sw ressurise shell aide, then high No special 6 hourty elocity sweep down iquid BW into vented ackwash with high 58 shell for 20sec TMP (kPa) 52 50 46 290ct 02Nav 04Nov 06Nov 08Nov 12Nov 10Nov

Effect of High Velocity Sweep on Membrane Fouling

Figure 4 Effect of High velocity Sweep on Membrane Cleaning

Appl. No.: Unassigned Atty Docket: USFMCR.133C1

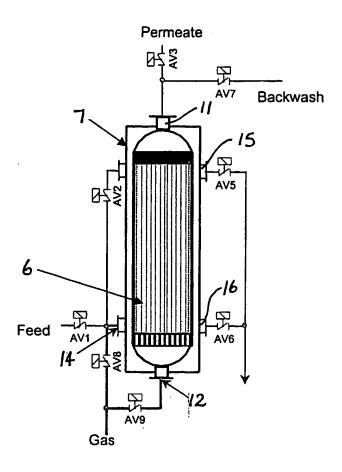


Figure 5 Alternative Air Injection

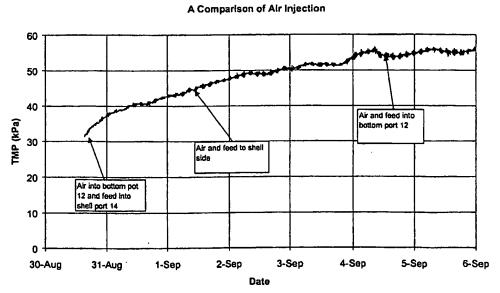


Figure 6 Effect of Alternative Air Injection on Scrubbing Efficiency